

Title (en)  
CITRIC ACID SALT OF A THERAPEUTIC COMPOUND AND PHARMACEUTICAL COMPOSITIONS THEREOF

Title (de)  
ZITRONENSÄURE SALZ VON EINER THERAPEUTISCHEN VERBINDUNG UND DEREN PHARMAZEUTISCHEN ZUSAMMENSETZUNGEN

Title (fr)  
SEL D'ACIDE CITRIQUE D'UN COMPOSE THERAPEUTIQUE ET COMPOSITIONS PHARMACEUTIQUES ASSOCIEES

Publication  
**EP 1451166 B1 20050810 (EN)**

Application  
**EP 02783438 A 20021125**

Priority

- IB 0204972 W 20021125
- US 33834301 P 20011207

Abstract (en)  
[origin: WO03048141A1] The present invention is directed to a polymorph of the citrate salt of 4-(3,4-dichlorophenyl)-2-[2-(4-methylpiperazin-1-yl)-benzylidene]-thiomorpholin-3-one (I) and pharmaceutical compositions thereof.

IPC 1-7  
**C07D 279/12; A61K 31/54**

IPC 8 full level  
**A61K 31/194** (2006.01); **A61K 31/54** (2006.01); **A61K 31/541** (2006.01); **A61P 1/00** (2006.01); **A61P 1/14** (2006.01); **A61P 3/04** (2006.01); **A61P 5/00** (2006.01); **A61P 5/10** (2006.01); **A61P 5/24** (2006.01); **A61P 9/08** (2006.01); **A61P 9/12** (2006.01); **A61P 15/00** (2006.01); **A61P 15/10** (2006.01); **A61P 25/02** (2006.01); **A61P 25/14** (2006.01); **A61P 25/16** (2006.01); **A61P 25/18** (2006.01); **A61P 25/20** (2006.01); **A61P 25/22** (2006.01); **A61P 25/24** (2006.01); **A61P 25/28** (2006.01); **A61P 25/32** (2006.01); **A61P 25/34** (2006.01); **A61P 25/36** (2006.01); **A61P 29/00** (2006.01); **A61P 35/00** (2006.01); **C07D 279/12** (2006.01)

CPC (source: EP KR US)  
**A61K 31/54** (2013.01 - EP US); **A61K 31/541** (2013.01 - KR); **A61P 1/00** (2017.12 - EP); **A61P 1/14** (2017.12 - EP); **A61P 3/04** (2017.12 - EP); **A61P 5/00** (2017.12 - EP); **A61P 5/10** (2017.12 - EP); **A61P 5/24** (2017.12 - EP); **A61P 9/08** (2017.12 - EP); **A61P 9/12** (2017.12 - EP); **A61P 15/00** (2017.12 - EP); **A61P 15/10** (2017.12 - EP); **A61P 25/00** (2017.12 - EP); **A61P 25/02** (2017.12 - EP); **A61P 25/14** (2017.12 - EP); **A61P 25/16** (2017.12 - EP); **A61P 25/18** (2017.12 - EP); **A61P 25/20** (2017.12 - EP); **A61P 25/22** (2017.12 - EP); **A61P 25/24** (2017.12 - EP); **A61P 25/28** (2017.12 - EP); **A61P 25/32** (2017.12 - EP); **A61P 25/34** (2017.12 - EP); **A61P 25/36** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **C07D 279/12** (2013.01 - EP US); **C07D 417/10** (2013.01 - KR)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)  
**WO 03048141 A1 20030612**; AR 037711 A1 20041201; AT E301647 T1 20050815; AU 2002347504 A1 20030617; AU 2002347504 B2 20080904; BR 0214780 A 20041109; CA 2469225 A1 20030612; CA 2469225 C 20100622; CN 100358878 C 20080102; CN 1599730 A 20050323; DE 60205504 D1 20050915; DE 60205504 T2 20060608; DK 1451166 T3 20051114; EP 1451166 A1 20040901; EP 1451166 B1 20050810; ES 2243774 T3 20051201; GT 200200260 A 20030625; HK 1071133 A1 20050708; HN 2002000354 A 20031112; IL 162096 A0 20051120; JP 2005519036 A 20050630; JP 4165882 B2 20081015; KR 100572430 B1 20060418; KR 20050044707 A 20050512; MX PA04005418 A 20050419; NO 20042871 L 20040706; NO 327100 B1 20090420; NZ 532993 A 20060929; PA 8560101 A1 20031210; PE 20030663 A1 20030804; PL 370307 A1 20050516; PT 1451166 E 20051130; RU 2004117091 A 20050327; RU 2270834 C2 20060227; TW 200301700 A 20030716; TW I233356 B 20050601; US 2003181444 A1 20030925; US 6825193 B2 20041130; UY 27570 A1 20030731; ZA 200404226 B 20050829

DOCDB simple family (application)  
**IB 0204972 W 20021125**; AR P020104718 A 20021205; AT 02783438 T 20021125; AU 2002347504 A 20021125; BR 0214780 A 20021125; CA 2469225 A 20021125; CN 02824312 A 20021125; DE 60205504 T 20021125; DK 02783438 T 20021125; EP 02783438 A 20021125; ES 02783438 T 20021125; GT 200200260 A 20021206; HK 05103823 A 20050506; HN 2002000354 A 20021205; IL 16209602 A 20021125; JP 2003549332 A 20021125; KR 20047008647 A 20040604; MX PA04005418 A 20021125; NO 20042871 A 20040706; NZ 53299302 A 20021125; PA 8560101 A 20021206; PE 2002001163 A 20021203; PL 37030702 A 20021125; PT 02783438 T 20021125; RU 2004117091 A 20021125; TW 91135151 A 20021204; US 31346702 A 20021206; UY 27570 A 20021206; ZA 200404226 A 20040528